

**WHAT IS CLAIMED IS:**

1. A duplex scanner capable of calibrating a two-sided document, comprising:

an automatic document feeder;

an upper carriage installed in the automatic document feeder; and

5                   an upper calibration paper installed under the upper carriage, wherein relative motion between the upper carriage and the upper calibration paper is generated for calibrating a light beam information before image scanning.

2. The duplex scanner according to claim 1, wherein the duplex scanner further comprises:

10                 a case;

a transparent platen fixed on the case for being placed a to-be-scanned document;

a lower calibration paper fixed to the transparent platen; and

a lower carriage installed inside the case.

15                 3. The duplex scanner according to claim 2, wherein the lower carriage further has an extending board for fixing the upper calibration paper thereon, and the upper calibration paper is moved under the upper carriage by moving the lower carriage, so

that the upper carriage is capable of scanning a plurality of scan lines on the upper calibration paper for calibrating the light beam information.

4. The duplex scanner according to claim 2, wherein the upper calibration paper is fixed onto the transparent platen, and the upper carriage is driven to move for

5 scanning a plurality of scan lines on the upper calibration paper for calibrating the light beam information.

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